

**REMOTE DATA VISUALIZATION WITHIN AN
ASSET DATA SYSTEM FOR A PROCESS PLANT**

ABSTRACT

A process plant data collection and viewing system uses a common navigational tree structure and one or more common display formats to enable a user to remotely view, in a similar and consistent manner, information obtained from different applications or data sources within a process plant at any desired level of integration, even though the actual data from the multiple different data applications or data sources may be collected and organized in different manners by different data sources using a primary data visualization platform. Because predetermined common visualization screens provide predetermined formats of information at different levels of data integration, a user can easily remotely navigate through the data stored in the database or collected by the different data sources at higher or lower levels of data integration without having to directly access that data from the data sources themselves and without needing direct access to the primary data collection and visualization platform.